

WHAT IS CLAIMED IS:

1. A sheet-processing apparatus comprising:
 - a cutting apparatus which slits a long sheet member into a plurality of narrower strips;
 - a chopping apparatus which chops the strips with a predetermined spacing, for forming pluralities of sheets;
 - a stacking apparatus which piles up a predetermined number of the sheets for each strip, for forming sheet sheaves;
 - a transport apparatus which transports the sheet sheaves; and
 - a packing apparatus which packs the sheet sheaves.
2. The apparatus of claim 1, further comprising an application apparatus which applies a cover sheet to at least one of an upper face and a lower face of each sheet sheaf.
3. The apparatus of claim 2, wherein the application apparatus comprises:
 - a pair of cover sheet application devices which are each capable of applying a cover sheet to a face of the each sheet sheaf that is disposed at a vertical direction upper side of the sheet sheaf; and
 - an inversion apparatus provided between the cover sheet application devices, which is capable of inverting the sheet sheaf.
4. The apparatus of claim 3, wherein the inversion apparatus comprises at least one gripping portion capable of pushing against upper and lower faces of the sheet sheaf and disengageably gripping the sheet sheaf.

5. The apparatus of claim 4, wherein the sheet sheaf is inverted by the gripping portion rotating about an axial line which extends in a direction intersecting a direction of transport of the sheet sheaves.

6. The apparatus of claim 1, wherein the transport apparatus comprises:

a transport section which transports the sheet sheaves, substantially in a row, in a first direction while opening up a predetermined spacing therebetween; and

a transfer section at a predetermined point on a transport path, which changes a transport direction of the sheet sheaves from the first direction to a second direction, which substantially intersects the first direction, without altering a state of orientation of each sheet sheaf.

7. A stacking and transport apparatus comprising:

a stacking section including a plurality of sheet-receiving portions, each sheet-receiving portion stacking a plurality of substantially rectangular sheets, which are fed therein in a first direction, for forming sheet sheaves, in which each sheet is inclined, and the plurality of sheet-receiving portions being disposed substantially in a row in a second direction, which is substantially perpendicular to the first direction, in plan view; and

a transport section for transporting the sheet sheaves which are formed at each sheet-receiving portion in a transport direction which is substantially parallel to the first direction.

8. The apparatus of claim 7, wherein each sheet-receiving portion forms the sheet sheaf in which each sheet is inclined to one side in the first direction and is also inclined to one side in the second direction.

9. The apparatus of claim 7, wherein each sheet-receiving portion comprises a pair of guide plates on which the sheet sheaf is formed.
10. The apparatus of claim 7, wherein each sheet-receiving portion comprises a standing wall capable of abutting against and aligning a side face of the sheet sheaf at one side in the second direction.
11. The apparatus of claim 7, wherein each sheet-receiving portion comprises a corresponding stopping plate portion capable of abutting against and aligning a side face of the sheet sheaf at one side in the first direction.
12. The apparatus of claim 11, wherein the stopping plate portions are all structured by a single stopping plate.
13. The apparatus of claim 12, wherein the stopping plate is movable between an abutting position, at which abutting against the sheet sheaves of all the sheet-receiving portions is possible, and a withdrawn position, at which this abutting does not occur and the stopping plate does not obstruct transport of the sheet sheaves by the transport section.
14. The apparatus of claim 7, wherein the transport section comprises a pushing movement apparatus capable of pushing the sheet sheaves of all the sheet-receiving portions for moving the sheet sheaves in parallel in the transport direction.
15. The apparatus of claim 7, wherein the transport section comprises a plurality of guide portions, each guide portion receiving the seat sheaf from the corresponding sheet-receiving

portion and guiding the sheet sheaf in the transport direction.

16. The apparatus of claim 15, wherein each guide portion comprises a pair of guide members which slide against and guide the sheet sheaf, the guide members being inclined to a transport direction downstream side and also inclined to one side in a direction substantially perpendicular to the transport direction.

17. The apparatus of claim 16, wherein the inclination to the one side in the direction substantially perpendicular to the transport direction eases off in accordance with progress toward the transport direction downstream side.

18. The apparatus of claim 7, further comprising:

a transport belt for transporting the sheet sheaves, which is disposed at an outer side, in the transport direction, of the transport section; and

a stopping member for positioning the sheet sheaves on the transport belt substantially in a row along a direction of progress of the belt.

19. The apparatus of claim 18, wherein the transport direction of the transport section and the direction of progress of the belt substantially intersect.

20. A stacking and transport method comprising the steps of:

stacking a plurality of substantially rectangular sheets, which are fed in in a predetermined direction, for forming a sheet sheaf in which each sheet is inclined; and

transporting the sheet sheaf in a transport direction which is substantially parallel to the predetermined direction.